

BENCH MARKS  
AND ELEVATIONS  
ST. JOSEPH COUNTY

USC&GS BM MISHAWAKA 1934

In St. Joseph County, South Bend East Quad., in the NW ¼ of Sec. 16, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at Lincoln Park; about 25 yards northwest of the intersection of South Cleveland Street and Lincoln Way East; set in the top of a concrete post, about 30 yards southwest of the flagpole in the park, about 15 yards west of the centerline of the center entrance to the park, about 13 yards north of the centerline of Lincoln Highway, about 3.5 yards north of the north edge of the walk on the north side of the highway; a US Coast & Geodetic Survey bronze disk, stamped "Mishawaka 1934".

715.829 feet NGVD 1929

IFC&WRC BM SJ 8, 1950

In St. Joseph County, South Bend East Quad., in the SW ¼ of Sec. 10, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at the Mishawaka Avenue concrete bridge over the St. Joseph River; set on the north concrete handrail, 2.5 feet of the west end, 0.75 foot of the north edge, 3.4 feet above the sidewalk; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 8 1950".

715.319 feet NGVD 1929

USC&GS BM H 20, 1934

In St. Joseph County, South Bend East Quad., in the NE ¼ of Sec. 13, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the intersection of the New York Central Railroad and the Grand Trunk Railway, in the northwest angle of the intersection of Keasey Street and High Street, about 60 yards southwest of the south end of the South Bend Toy Manufacturing Co., at the bridge over High Street; set in the west abutment of the retaining wall, about 2 yards north of the south end of the abutment, level with the top of the rail, a US Coast & Geodetic Survey bronze disk, stamped "H 20 1934".

735.438 feet NGVD'29

IFC&WRC BM SJ 7, 1950

In St. Joseph County, South Bend East Quad., in the NE ¼ of Sec. 18, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at South Bend; at the Ironwood Drive (Twyckenham Drive) concrete arch bridge over the St. Joseph River; set on the east guardrail, 32 feet east of the centerline of the road, 3.6 feet above the sidewalk, 3.2 feet north of a 7 foot by 7 foot concrete post, 0.6 foot from the north end, 0.6 foot from the west edge; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 7 1950".

715.565 feet NGVD 1929

IFC&WRC BM SJ 10, 1950

In St. Joseph County, South Bend East Quad., in the SE ¼ of Sec. 12, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the Sample Street bridge over the St. Joseph River; set on the southeast stone abutment, 0.8 foot south of the east end of the south steel handrail, 1 foot from streamward face of abutment, at the level of the sidewalk; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 10 1950".

699.711 feet NGVD 1929

USC&GS BM SOUTH BEND 1934

In St. Joseph County, South Bend West Quad., in the NW ¼ of Sec. 12, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; on Main Street, at the southeast corner of the courthouse lawn, on the north side of the Soldiers and Sailors Monument, in the top step and about 1 yard higher then the lawn; a US Coast & Geodetic Survey bronze disk, stamped "SOUTH BEND 1934".

716.206 ft. NGVD'29

IFC&WRC BM SJ 12, 1950

In St. Joseph County, South Bend East Quad., in the NE ¼ of Sec. 12, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the Jefferson Street concrete bridge over the St. Joseph River; set on the west end of the south sidewalk of the bridge, 0.5 foot west of the west end of the south concrete handrail; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 12 1950".

Destroyed LJS 8/13/74

700.731 feet NGVD 1929

IFC&WRC BM SJ 14, 1950

In St. Joseph County, South Bend East Quad., in the NW ¼ of Sec. 12, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the East LaSalle Avenue concrete arch bridge over the St. Joseph River; set on the north concrete handrail, 2.1 feet west of the east end, 0.8 foot of the north edge of the sidewalk, 3.9 feet above the sidewalk; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 14 1950".

Destroyed LJS 8/13/74

695.611 feet NGVD 1929

IFC&WRC BM SJ 15, 1950

In St. Joseph County, South Bend East Quad., in the NW ¼ of Sec. 12, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the Michigan Street concrete arch bridge over the St. Joseph River; set on the west handrail, 2 feet north of the south lamp-post, 1.5 feet east of the west edge of the handrail, 3.9 feet above the sidewalk; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 15 1950".

689.377 feet NGVD 1929

IFC&WRC BM SJ 16, 1950

In St. Joseph County, South Bend West Quad., in the NE ¼ of Sec. 2, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the Angela Boulevard concrete arch bridge over the St. Joseph River; set on the south handrail, directly above the east abutment, 28 feet south of the centerline of Angela Boulevard, 4.2 feet above the sidewalk; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 16 1950".

684.316 feet NGVD 1929

IFC&WRC BM SJ 17

In St. Joseph County, South Bend West Quad., in the NW ¼ of Sec. 23, T. 38 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the Darden Road two-span steel truss bridge over the St. Joseph River; set on the north end of the east pier cap, one foot north of the north edge of the bridge floor, 4.5 feet below the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 17".

DESTROYED BY CONSTRUCTION 4/23/96 JAK

672.649 feet NGVD 1929

IFC&WRC BM SJ 18

In St. Joseph County, South Bend West Quad., in the SW  $\frac{1}{4}$  of Sec. 26, T. 38 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the intersection of Colfax Road and Riverside Drive; 150 feet west of the St. Joseph River, 400 feet south of Colfax Road (gravel), at the extreme northeast corner of the north loop of Pinhook Lake, 20 feet west of the west edge of the Riverside Drive, 8 feet below the road, on the outlet control structure which forms the west headwall of a 4-foot corrugated culvert that empties into the St. Joseph River, about two feet north of the south edge of the headwall; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 18".  
666.802 feet NGVD 1929

IFC&WRC BM SJ 19

In St. Joseph County, Niles West Quad., on the Indiana-Michigan state line, about 0.9 mile west along the State Line Road from its intersection with U.S. Highway 31, at the intersection of Laurel Road and State Line Road, 24 feet northeast of a signpost bearing the signs "St. Joseph County, Indiana" and "State Line Road, 1148 W. St. Joseph Co. Ind.", 4 feet west of a power line brace pole; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 19".  
696.765 feet NGVD 1929

USC&GS BM P 154, 1946

In St. Joseph County, North Liberty Quad., in the SW  $\frac{1}{4}$  of Sec. 25, T. 36 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.0 miles west of North Liberty; at the intersection of State Road 4 and Walnut Road; set in the top of a concrete post, 82 feet west of and across Walnut Road from the southwest corner of Glenn Snyder's cement block house (formerly District 11 School House), 47 feet north of the centerline of the highway, 17 feet west of the centerline of Walnut Road, 13 feet north of a fence corner, 2 feet south of a white wooden witness post, about 1.5 feet above the centerline of the highway, projecting 5 inches above the ground; a US Coast & Geodetic Survey bronze tablet, stamped "P 154 1946".  
706.485 feet NGVD 1929

IFC&WRC TBM K 59 E-1

In St. Joseph County, North Liberty Quad., in the SE  $\frac{1}{4}$  of Sec. 26, T. 36 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.0 miles west of North Liberty; on the St. Joseph-La Porte County Line, about 3.2 miles west along State Road 4 from its junction with State Road 23 at North Liberty to a right angle turn in State Road 4 to the north and a gravel road leading west, thence 0.6 mile west on the gravel road, at a 30-foot concrete bridge over the Kankakee River; set on top of the southwest edge of the southeast concrete wingwall, 15 feet south of the centerline of the road; a chiseled square.  
686.042 feet NGVD 1929

USC&GS BM P 167, 1946

In LaPorte County, Stillwell Quad., in the NW  $\frac{1}{4}$  of Sec. 22, T. 36 N., R. 1 W., 2<sup>nd</sup> PM.; at the "T"-road intersection of 925 East Road and 300 South Road, set in the southeast angle of the junction, 34 feet south of the centerline of 300 South Road, 21 feet east of the centerline of 925 East Road, 13 feet south of a fence corner, 1 foot west of a fence line, about level with 925 East Road; a US Coast & Geodetic Survey bronze tablet, stamped "P 167 1946".  
693.293 feet NGVD 1929

IFC&WRC TBM K 61-1

In St. LaPorte County, North Liberty Quad., in the NE  $\frac{1}{4}$  of Sec. 23, T. 36 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.0 miles northwest of North Liberty; at the St. Joseph-LaPorte County Line, at the 300 South Road (New Road) 75-foot pony truss bridge over the Kankakee River; set on top of the northeast corner of the southwest wingwall, 1.9 feet south of the west end of the south guardrail, 0.8 foot below the roadway; a chiseled square.  
690.569 feet NGVD 1929

IFC&WRC TBM K 61-2

In St. Joseph County, North Liberty Quad., in the SE  $\frac{1}{4}$  of Sec. 14, T. 36 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.0 miles northwest of North Liberty; at the St. Joseph-LaPorte County Line, at the 300 South Road (New Road) 75-foot pony truss bridge over the Kankakee River; set on top of the northeast wingwall, 4 feet north of and 3 feet east of the east end of the north guardrail; a chiseled square.  
690.374 feet NGVD 1929

IFC&WRC BM SJ 1, 1950

In St. Joseph County, North Liberty Quad., in the NE  $\frac{1}{4}$  of Sec. 23, T. 36 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.0 miles northwest of North Liberty; at the St. Joseph-LaPorte County Line, at the 300 South Road (New Road) 75-foot pony truss bridge over the Kankakee River; set in the top of the south end of the east abutment, 11 feet south of and 1 foot below the centerline of the road, 1.7 feet south of the east end of the south steel guardrail; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 1 1950".

see DNR BM SJ 1 RESET 1996

690.428 feet NGVD 1929

INDIANA GEODETIC SURVEY BM 132

In St. Joseph County, 7.0 miles southwest along the New York Central Railroad from the station at South Bend, at the Steenburg farms (in 1934); set in the top of a concrete post projecting 5 inches above the ground, 75 feet northeast of a two-story storage house, in the west angle of a dirt road crossing, 24 feet north-west of the northwest rail, 19.5 feet southwest of the centerline of the road, 9 feet north of a power pole; a Indiana Geodetic Survey bronze tablet, stamped "132".

718.516 feet NGVD 1929

IFC&WRC TBM K 62-1

In St. Joseph County, North Liberty Quad., in the NE  $\frac{1}{4}$  of Sec. 4, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.1 miles south of Crumstown; at the State Road 223 40-foot concrete bridge over Dixon West Place Ditch; set on top of the southeast wingwall, 1.9 feet north of and 0.7 foot east of the south end of the east concrete guardrail, 0.2 foot from the streamward edge of the wingwall, level with the highway; a chiseled square.

700.788 feet NGVD 1929

ISHC BM L 43

In St. Joseph County, North Liberty Quad., in the NE  $\frac{1}{4}$  of Sec. 4, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.1 miles south of Crumstown; at the State Road 223 40-foot concrete bridge over Dixon West Place Ditch; set in the top of the southwest wingwall, 1.3 feet west of the south end of the west concrete guardrail; a Indiana State Highway Commission bronze tablet, stamped "L 43".

703.003 feet NGVD 1929

IFC&WRC TBM K 3

In St. Joseph County, North Liberty Quad., in the SW  $\frac{1}{4}$  of Sec. 27, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.15 mile south of Crumstown; at the "T" road intersection of State Road 223 and Jackson Road, in the northeast angle of the intersection; set in the south side of a 40-inch Oak tree, 250 feet east of the centerline of State Road 223, 40 feet north of the centerline of Jackson Road, 1.6 feet above the ground; a railroad spike.  
712.104 feet NGVD 1929

IFC&WRC TBM K 2

In St. Joseph County, North Liberty Quad., in the SW  $\frac{1}{4}$  of Sec. 26, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.25 mile east-southeast of Crumstown; about 1.25 miles east along Jackson Road from its intersection with State Road 223; set in the north side of a 36-inch Elm tree, 20 feet south of the centerline of Jackson Road, 1.2 feet above the ground; a railroad spike.  
706.836 feet NGVD 1929

IFC&WRC TBM K 63-1

In St. Joseph County, Lakeville Quad., in the SE  $\frac{1}{4}$  of Sec. 26, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 5.0 miles West of South Bend; at the Jackson Road 35-foot steel truss bridge over Dixon West Place Ditch; set on the northwest end of the southwest lower chord, on the head of the first rivet southeast of the northwest end post, 0.9 foot below the bridge floor; a chiseled cross.  
704.286 feet NGVD 1929

IFC&WRC TBM K 64-1

In St. Joseph County, Lakeville Quad., in the SE  $\frac{1}{4}$  of Sec. 26, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 4.5 miles West of South Bend; at the Peach Road 45-foot steel pony truss bridge over Dixon West Place Ditch; set on top of the west end of the south abutment, 1.3 feet east of the west end of the abutment, 2.0 feet west of and 0.5 foot south of the south end of the west steel guardrail; a chiseled square.  
704.950 feet NGVD 1929

IFC&WRC BM SJ 2, 1950

In St. Joseph County, Lakeville Quad., in the SW  $\frac{1}{4}$  of Sec. 25, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 4.5 miles West of South Bend; at the Peach Road 45-foot steel pony truss bridge over Dixon West Place Ditch; set in the top of the east end of the south concrete abutment, 1.2 feet east of the southeast end post, 1.0 foot from the east end and 0.7 foot from the streamward edge of the abutment; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 2 1950".  
705.066 feet NGVD 1929

USC&GS BM M 23 RESET 1936

In St. Joseph County, South Bend West Quad., in the NW  $\frac{1}{4}$  of Sec. 20, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the State Road 123 27-foot concrete bridge over Dixon West Place Ditch; set in the top of the northeast end of the southwest wingwall, 14 feet west of and level with the centerline of the highway; a US Coast & Geodetic Survey bronze tablet, stamped "M 23 RESET 1936".  
712.676 feet NGVD 1929

~~BM SJ 4~~

~~In St. Joseph County at Mishawaka, Ind., on top right downstream (northwest) abutment of a concrete arch bridge over the St. Joseph River of North Cedar, at right end of downstream guardrail 19 feet downstream from center line of street and at same elevation as sidewalk. An Ind. Flood Control and Water Resources Commission Bench Mark tablet, stamped "SJ 4 1950."  
712.227 feet NGVD 1929  
See SJ 4 RESET 2001~~

IFC&WRC BM SJ 5, 1950

In St. Joseph County, South Bend East Quad., in the NW  $\frac{1}{4}$  of Sec. 16, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Miskawaka; at the Logan Street concrete arch bridge over the St. Joseph River; set on the top left upstream (southeast) concrete guardrail of the bridge, 3.8 feet from the left end of the left upstream concrete guardrail, 3.9 feet above the sidewalk, 20 feet upstream of the centerline of the road; a Indiana Flood Control and Water Resources Commission bench mark tablet, stamped "SJ 5 1950."  
714.008 feet NGVD 1929



**BALL BAND BM #1**

In St. Joseph County, South Bend East Quad., in the NE ¼ of Sec. 16, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; set in the sidewalk at the entrance to the engineering office of the Ball Band plant, 10 feet east of the centerline of North Hill Street, 1 foot north of the concrete curb along the north side of Water Street; a bronze tablet stamped "Ball Band Bench Mark."

691.637 feet NGVD 1929

**BALL BAND BM #4**

In St. Joseph County, South Bend East Quad., in the NE ¼ of Sec. 16, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; set in the sidewalk at the southeast corner of the Ball Band plant building located in the northwest corner of the intersection of north Main Street and Water Street; a bronze tablet stamped, "Ball Band Bench Mark."

698.627 feet NGVD 1929

**BALL BAND BM**

In St. Joseph County, South Bend East Quad., in the NE ¼ of Sec. 16, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; set in the top of the left (southwest) abutment of the dam in the St. Joseph River at the north end of Race Street; a bronze tablet stamped, "Ball Band Bench Mark."

701.365 feet NGVD 1929

**BALL BAND BM**

In St. Joseph County, South Bend East Quad., in the NW ¼ of Sec. 15, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; set in the top of the right (northeast) abutment of the dam in the St. Joseph River at the north end of Race Street; a bronze tablet stamped "Ball Band Bench Mark."

702.243 feet NGVD 1929

USC&GS BM Y 155, 1946

In Marshall County, Walkerton Quad., in the SE  $\frac{1}{4}$  of Sec. 25, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 0.5 mile southeast of Walkerton; about 1.2 miles southeast along U.S. Highway 6 from the post office at Walkerton, about 0.4 mile northwest of the crossing of the New York, Chicago and Saint Louis Railroad at the intersection of Spruce Road (Saint Joseph-Marshall County Line), at an 18-inch pipe culvert under the highway; set in the center of the top of the southwest headwall, 25 feet east of the centerline of the road, 24 feet southwest of the centerline of the highway, about 1 foot lower than the highway; a US Coast & Geodetic Survey bronze tablet, stamped "Y 155 1946".  
710.783 feet NGVD 1929

USC&GS BM Z 155, 1946

In Marshall County, Walkerton Quad., in the SE  $\frac{1}{4}$  of Sec. 30, T. 35 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.2 miles southeast of Walkerton; about 2.0 miles southeast along U.S. Highway 6 from the post office at Walkerton; about 0.4 mile east of the crossing of the New York, Chicago and Saint Louis Railroad, at a 15-inch pipe culvert; set in the center of the top of the north concrete headwall, 23 feet north of the centerline of the highway, about 0.5 foot lower than the highway; a U.S. Coast & Geodetic Survey bronze tablet, stamped "Z 155 1946".  
718.293 feet NGVD 1929

IFC&WRC BM SJ 30, 1955

In St. Joseph County, Walkerton Quad., in the NE  $\frac{1}{4}$  of Sec. 25, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 1.2 miles southeast of Walkerton; at the Saint Joseph-Marshall County Line Road Bridge number 185 over Pine Creek; set in the top of the west end of the north pier base, 10 feet west of the centerline of the road, 10 feet below the road, 0.9 foot east of the west edge and 0.9 foot north of the south edge of the north pier base; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 30 1955".  
704.641 feet NGVD 1929

IFC&WRC BM SJ 29, 1955

In Saint Joseph County, Walkerton Quad., in the NE  $\frac{1}{4}$  of Sec. 25, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; at Walkerton; at the Harrison Street Bridge (West 1<sup>st</sup> Road) over Pine Creek; set in the top of the south end of the west abutment, 15 feet south of the centerline of the road, 0.5 foot west of the east face of the west abutment, about level with the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 29 1955".

711.995 feet NGVD 1929

USC&GS BM X 155, 1946

In St. Joseph County, Walkerton Quad., in the SW  $\frac{1}{4}$  of Sec. 24, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; at Walkerton; at the east corner of the intersection of U.S. Highway 6 (Roosevelt Road) and Illinois Street, across the street southeast of the Post Office; set vertically in the southwest brick wall of the city band stand, 59 feet southeast of the southeast edge of the southeast sidewalk along Illinois Street, 25 feet northeast of the northeast curb of Roosevelt Road, 2.2 feet above the ground, 1.1 feet northwest of the south corner of the stand; a U.S. Coast & Geodetic Survey bronze tablet, stamped "X 155 1946".

726.472 feet NGVD 1929

IFC&WRC BM SJ 28, 1955

In Saint Joseph County, Walkerton Quad., in the NW  $\frac{1}{4}$  of Sec. 24, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; at Walkerton; at the Baltimore and Ohio Railroad Bridge over Pine Creek; set in the top of the south end of the west bridge seat, 9.5 feet below the tracks, 2.5 feet west of the east face of the west abutment, 1.3 feet south of the south edge of the bridge; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 28 1955".

702.859 feet NGVD 1929

IFC&WRC BM SJ 27, 1955

In St. Joseph County, Walkerton Quad., in the NW  $\frac{1}{4}$  of Sec. 24, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; at Walkerton; at the State Road 23 Bridge over Pine Creek; set in the top of the west end of the south abutment, 17 feet west of the centerline of the road, 1.0 foot below the road, 0.5 foot south of the north face of the south abutment; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 27 1955".

707.215 feet NGVD 1929

USC&GS BM U 23, 1934

In St. Joseph County, Walkerton Quad., in the NE ¼ of Sec. 23, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; at Walkerton; on the New York Central Railroad, 11 rails southwest of the station; set in the top of a concrete post projecting 4 inches above the ground, 102 feet northeast of a semaphore, 49 feet southeast across the track from the east corner of the Peowty County Onion Warehouse (it has burned to the foundation, but foundation still in place), in the south angle of the crossing of U.S. Highway 6, 151 feet southwest of the centerline of the highway, 19 feet southeast of the southeast rail, 20 feet northwest of the centerline of a blacktop street paralleling the track, about 2 feet higher than the track; a U.S. Coast & Geodetic Survey bronze tablet, stamped "U 23 1934".  
714.517 feet NGVD 1929

USC&GS BM S 23, 1934

In St. Joseph County, Walkerton Quad., in the NE ¼ of Sec. 23, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; at Walkerton; on the New York Central Railroad, 5 rails northeast of the station, 67 feet north across the track from switch tower KN, in the west angle of the crossing of the New York, Chicago and Saint Louis Railroad; set in the top of a concrete post level with the ground, 91 feet northeast of the northeast rail of the west bound track of the Baltimore & Ohio Railroad, 30 feet southwest of the southwest rail of the New York Central & Saint Louis Railroad track, 24 feet northwest of the northwest rail of the New York Central Railroad track, 16 feet south of a fire hydrant, 1 foot southeast of a white wooden witness post and about 1.5 feet higher than the crossing; a U.S. Coast & Geodetic Survey bronze tablet, stamped "S 23 1934".  
713.233 feet NGVD 1929

IFC&WRC BM SJ 26, 1955

In St. Joseph County, Walkerton Quad., in the NE ¼ of Sec. 23, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; at Walkerton; 0.2 mile north along Adams Street from its intersection with U.S. Highway 6, at the Adams Street Bridge over Pine Creek set in the top of the west end of the north abutment, 10 feet west of the centerline of the road, 0.8 foot west of the west edge of the bridge, 0.5 foot from the face of the abutment, 0.3 foot above the bridge floor; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 26 1955".  
703.620 feet NGVD 1929

IFC&WRC TBM P & PC 18 1955

In St. Joseph County, Walkerton Quad., in the SW  $\frac{1}{4}$  of Sec. 13, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 0.5 mile north of Walkerton; at the "T" road intersection of Tyler Road and State Road 23; set in the east side of NIPSCO power pole No. 271-482, 96 feet north of the extended centerline of Tyler Road, 27 feet west of the centerline of State Road 23; a railroad spike driven through a brass plate, stamped "TBM P & PC 18 1955".  
713.981 feet NGVD 1929

IFC&WRC BM SJ 25, 1955

In St. Joseph County, Walkerton Quad., in the NE  $\frac{1}{4}$  of Sec. 13, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 1.0 mile north of Walkerton; at the Walnut Road Bridge over Yellow Bank Creek; set in the top of the west end of the north abutment of the bridge, 9 feet west of the centerline of the road, 0.5-foot from the face of the abutment, 0.5-foot west of the west edge of the bridge, 0.2-foot below the top of the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 25 1955".

To be destroyed 4/3/74 LJS

702.422 feet NGVD 1929

IFC&WRC TBM P & PC 17 1955

In St. Joseph County, Walkerton Quad., in the SE  $\frac{1}{4}$  of Sec. 12, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 1.5 miles north of Walkerton; at the "T" road intersection of Shively Road and Walnut Road; set in the west side of a 32-inch Red Oak tree, 30 feet east of the centerline of Walnut Road, 15 feet north of the extended centerline of Shively Road, 15 feet north of the centerline of a private lane leading east to the F.M. Burkett farm, 1 foot above ground; a railroad spike driven through a brass plate, stamped "TBM P & PC 17 1955".

708.002 feet NGVD 1929

IFC&WRC BM SJ 24, 1955

In St. Joseph County, Walkerton Quad., in the NW  $\frac{1}{4}$  of Sec. 13, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 1.5 miles north of Walkerton; at the Shively Road Bridge over Pine Creek; set in the top of the south end of the east abutment, 13 feet south of the centerline of the road, 1.7 feet west of the east end of the south handrail, 1.2 feet south of the south edge of the bridge; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 24 1955".

693.432 feet NGVD 1929

IFC&WRC TBM P & PC 16 1955

In St. Joseph County, Walkerton Quad., in the NE  $\frac{1}{4}$  of Sec. 12, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.0 miles north of Walkerton; about 0.25 mile north along Walnut Road from its intersection with Rockstroh Road; set in the east side of a power pole, 20 feet south and 75 feet west of the southwest corner of a red-shingled home, 18 feet west of the centerline of Walnut Road, 2.5 feet above the top of the road; a railroad spike driven through a brass plate, stamped "TBM P & PC 16 1955".  
707.860 feet NGVD 1929

IFC&WRC TBM P & PC 15 1955

In St. Joseph County, North Liberty Quad.; in the NE  $\frac{1}{4}$  of Sec. 12, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.2 miles south-southwest of North Liberty; at the "T" road intersection of Walnut Road and Riley Road; set in the southwest side of a 22-inch Hickory tree, 16 feet south of the extended centerline of Riley Road, 16 feet east of the centerline of Walnut Road; 0.4 foot above ground, a railroad spike driven through a brass plate, stamped "TBM P & PC 15 1955".  
698.854 feet NGVD'29

IFC&WRC BM SJ 23, 1955

In St. Joseph County, North Liberty Quad.; in the SW  $\frac{1}{4}$  of Sec. 1, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.5 miles west-southwest of North Liberty; at the Riley Road Bridge over Pine Creek; set in the top of a concrete post, 10 feet north of the centerline of the road, 2 feet west of a post, 1.1 feet east of the east end of the north truss of the bridge, 1.0 foot north of the north face of the bridge, projecting 0.1 foot above the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet stamped "SJ 23 1955". To be Destroyed 4/3/74 LJS  
689.696 feet NGVD 1929

IFC&WRC TBM P & PC 14 1955

In St. Joseph County, North Liberty Quad.; in the SW ¼ of Sec. 1, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.0 mile south-southeast of North Liberty; about 1.63 miles south along Walnut Road from its intersection with State Road 4 to the Fred W. Ballinger farm, across the road from the white 2-story farm house with green trim, gray roof, and enclosed red brick front porch; set in the east side of a 24-inch Black Wild Cherry tree, 20 feet south of a 24-inch Black Walnut tree, 14 feet west of the centerline of the road, 1 foot above ground; a railroad spike driven through a brass plate, stamped "TBM P & PC 14 1955".

711.160 feet NGVD 1929

IFC&WRC TBM P & PC 13 1955

In St. Joseph County, North Liberty Quad.; in the NW ¼ of Sec. 1, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.8 miles east-southeast of North Liberty; at the intersection of Walnut and Quinn Roads; set in the southeast side of a power pole, 12 feet west of the centerline of Walnut Road, 12 feet south of the centerline of Quinn Road, 1 foot above ground; a railroad spike driven through a brass plate, stamped "TBM P & PC 13 1955".

702.486 feet NGVD 1929

IFC&WRC BM SJ 22, 1955

In St. Joseph County, North Liberty Quad.; in the NW ¼ of Sec. 1, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.8 miles east-southeast of North Liberty; at the Quinn Road Bridge over Pine Creek; set in the top of the south end of the east abutment, 13 feet south of the centerline of the road, 0.8 foot south of the south edge of the bridge, 0.5 foot east of the east end of the south handrail, level with the top of the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 22 1955".

687.659 feet NGVD 1929

IFC&WRC BM SJ 3, 1955

In St. Joseph County, North Liberty Quad.; in the SW  $\frac{1}{4}$  of Sec. 36, T. 36 N., R. 1 W., 2<sup>nd</sup> PM.; about 2.7 miles east-southeast of North Liberty; at the Walnut Road Bridge over Potato Creek; set in the top of the west end of the south bridge seat, 10 feet west of the centerline of the road, 0.6 foot south of the face of the south abutment, 0.9 foot below the top of the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 3 1955".

693.143 feet NGVD 1929

IFC&WRC TBM P & PC 12 1955

In St. Joseph County, North Liberty Quad.; in the SE  $\frac{1}{4}$  of Sec. 25, T. 36 N., R. 1 W., 2<sup>nd</sup> PM.; about 1.7 miles west of North Liberty; about 2.2 miles west along State Road 4 from its intersection with State Road 23 at North Liberty; across the highway from a weathered 2-story frame farm house with 2<sup>nd</sup> story windows boarded over with corrugated roofing material, about 0.1 mile west of a group of farm buildings with a brown shingled house; set in the south side of a 20-inch Box Elder Tree, 18 feet north of the centerline of the road, 1 foot above the ground; a railroad spike driven through a brass plate, stamped "TBM P & PC 12 1955".

708.596 feet NGVD 1929

USC&GS BM N 154

In St. Joseph County, North Liberty Quad.; in the NW  $\frac{1}{4}$  of Sec. 31, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.1 miles west of North Liberty; about 1.7 miles west along State Road 4 from its intersection with State Road 23 at North Liberty; about 1.0 mile west of the West Lawn Cemetery; set in the top of a concrete post, 75 feet northeast of the northeast corner of a house, 33 feet east of a power pole, 1.0 foot north of a fence line, 2 feet west of a white wooden witness post, about 2 feet above the highway, level with the ground; a U.S. Coast & Geodetic Survey bronze tablet, stamped "N 154 1945".

723.368 feet NGVD 1929

IFC&WRC TBM PC 1

In St. Joseph County, North Liberty Quad.; in the SE  $\frac{1}{4}$  of Sec. 30, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.8 mile west of North Liberty; at the State Road 4 Bridge over Potato Creek; set in the south side of a 22-inch tree, 58 feet west of the west end of the bridge, 14 feet north of the centerline of the road, 1.2 feet above ground, level with the top of the road; a railroad spike.

703.339 feet NGVD 1929



IFC&WRC TBM P & PC 11 1955

In St. Joseph County, North Liberty Quad.; in the SW  $\frac{1}{4}$  of Sec. 29, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.5 mile west of North Liberty; at the intersection of State Road 4 and Smilax Road; set in the southeast side of a telephone pole, 70 feet north of the centerline of State Road 4, 21 feet east of the centerline of Smilax Road, 1 foot above ground; a railroad spike driven through a brass plate, a stamped "P & PC 11 1955".  
723.205 feet NGVD 1929

IFC&WRC BM SJ 4, 1955

In St. Joseph County, North Liberty Quad.; in the SE  $\frac{1}{4}$  of Sec. 30, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.5 mile west of North Liberty; at the Smilax Road bridge over Potato Creek; set in the top of the west end of the south abutment, 11 feet west of the center line of the road, 0.6 foot from the face of the south abutment, level with the top of the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 4 1955".  
708.889 feet NGVD 1929

USC&GS BM M 154, 1946

In St. Joseph County, North Liberty Quad.; in the SW  $\frac{1}{4}$  of Sec. 29, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.2 mile west of North Liberty; at the Westlawn Cemetery; set in the top of a concrete post, 41 feet southwest of a 2-inch pipe well, 28 feet west of the centerline of the entrance to the cemetery, 21 feet east of a 15-inch Oak tree in the fence line, 19 feet north of the centerline of State Road 4, 1 foot south of the fence line, about level with the top of the highway, projecting 4-inches above the ground; a U.S. Coast & Geodetic Survey bronze tablet, stamped "M 154 1946".  
729.900 feet NGVD 1929

IFC&WRC TBM P & PC 10 1955

In St. Joseph County, North Liberty Quad.; in the SW  $\frac{1}{4}$  of Sec. 28, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; at North Liberty; at the intersection of North Main Street (State Road 23) and Harrison Street, 13 feet north of the north curb of Harrison Street, 6 feet east of the east curb of north Mair Street; the upper most point of a fire hydrant.  
733.000 feet NGVD 1929

IFC&WRC TBM PC 2

In St. Joseph County, North Liberty Quad.; in the SW  $\frac{1}{4}$  of Sec. 28, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; at North Liberty; at the State Road 23 Bridge over Potato Creek; set on top of the south end of the base of the east handrail, 15 feet east of the centerline of the road, 0.8-foot west of the east face of the bridge, 0.6-foot south of the face of the south abutment; a painted circle marked "721.9 VE".

721.948 feet NGVD 1929

IFC&WRC BM SJ 5, 1955

In St. Joseph County, North Liberty Quad.; in the SE  $\frac{1}{4}$  of Sec. 29, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; at North Liberty; at the State Road 23 Bridge over Potato Creek; set in the top of the south end of the base of the west handrail, 15 feet west of the centerline of the road, 0.3-foot north of the face of the south abutment, 0.6-foot above the top of the road; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 5 1955".

721.978 feet NGVD 1929

USC&GS BM 123 (Indiana Geodetic Survey)

In St. Joseph County, North Liberty Quad.; in the NW  $\frac{1}{4}$  of Sec. 33, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; at North Liberty; on the Wabash Railroad, 6  $\frac{1}{2}$  rails west of Switch tower QN, at the crossing of the New York Central Railroad; set in the top of a concrete post, 128 feet southeast of a semaphore, 39 feet south of the south rail of the Wabash Railroad, 10 feet north of the right-of-way fence, about 0.5-foot above the track, 8-inches above the ground; a U.S. Coast & Geodetic Survey State Survey bronze tablet, stamped "123".

734.654 feet NGVD 1929

USC&GS BM Q 23, 1934

In St. Joseph County, North Liberty Quad.; in the NW  $\frac{1}{4}$  of Sec. 33, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; at North Liberty; on the New York Central Railroad, 45 feet west of and across the track from the northwest corner of switch tower QN, at the crossing of the Wabash Railroad; set in the top of a concrete post, 35 feet north of the north rail of the Wabash Railroad, 27 feet west of the west rail of the New York Central Railroad, 14 feet southeast of pole 13/30 and UE SS, 1 foot east of a white wooden witness post, level with the top of the ground; a U.S. Coast & Geodetic Survey bronze tablet, stamped "Q 23 1934".

732.518 feet NGVD 1929

IFC&WRC TBM KK 86 1955

In St. Joseph County, North Liberty Quad.; in the NW  $\frac{1}{4}$  of Sec. 6, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.0 miles west-southwest of Crumstown; 0.45 mile south along State Road 223 from the railroad station at Crumstown to the junction of Johnson Road (1132 South Saint Joseph County) leading west, thence 1.3 miles west along Johnson Road (1132 South Saint Joseph County) to the junction of Crumstown Trail leading southwest, thence 1.1 mile southwest and 0.9 mile west along Crumstown Trail to a bend in the road to the south, thence 0.2 mile south, 300 feet north and across the road from a windmill in a group of farm buildings; set in the west side of a 14-inch Walnut tree, 14 feet west of the centerline of the road, 1 foot above ground; a railroad spike driven through a brass plate, stamped "TBM KK 86 1955".

713.251 feet NGVD 1929

IFC&WRC TBM KK 85, 1955

In St. Joseph County, North Liberty Quad.; in the NE  $\frac{1}{4}$  of Sec. 6, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.8 miles west-southwest of Crumstown; 0.45 mile south along State Road 223 from the railroad station at Crumstown to the junction of Johnson Road (1132 South Saint Joseph County) leading west, thence 1.3 miles west along Johnson Road (1132 South Saint Joseph County) to the junction of Crumstown Trail leading southwest thence 1.1 mile southwest and 0.5 mile west along Crumstown Trail, at the junction of a north-south fence with the east-west fence line on the south side of the road, 15 feet south of the center line of the road, 6 feet east of the junction of two fence lines, in the north side of power pole J 360-22, 1 foot above ground; a railroad spike driven through a brass plate, stamped "TBM KK 85 1955".

710.082 feet NGVD 1929

IFC&WRC BM SJ 21, 1955

In St. Joseph County, North Liberty Quad.; in the NW  $\frac{1}{4}$  of Sec. 5, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 2.2 miles south-southwest of Crumstown; at the "T"-road intersection of Reed Road and Crumstown Trail; set in the top of a concrete post, 40 feet southwest of the extended center line of Reed Road, 14 feet northwest of the centerline of Crumstown Trail, projecting 0.4-foot above ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 21 1955".

697.943 feet NGVD 1929

IFC&WRC TBM KK 84 1955

In Saint Joseph County, North Liberty Quad.; in the SE  $\frac{1}{4}$  of Sec. 32, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.6 miles south-southwest of Crumstown, about 0.4 mile southwest along Crumstown trail from its intersection with Johnson Road (1132 South Saint Joseph County) to a single span steel truss bridge over Laskowski Ditch; set in the northwest side of a 16-inch Wild Cherry tree, 24 feet southwest from the southwest end of the bridge, 12 feet southeast of the centerline of the road; a railroad spike driven through a plate, stamped "TBM KK 84 1955".

701.805 feet NGVD 1929

USGS BM 57 WSM 1954

In St. Joseph County, North Liberty Quad.; in the NW  $\frac{1}{4}$  of Sec. 33, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.2 miles west-southwest of Crumstown; at the "T" road intersection of Johnson Road (1132 South Saint Joseph County) and Tamarack Road; set in the top of a concrete post, 24 feet south of the centerline of Johnson Road, 27 feet east of the centerline of Tamarack Road, 0.2-foot above ground, witnessed by a railroad tie fence post marked with white paint; a U.S. Geological Survey bench mark tablet, stamped "702 feet 57 WSM 1954".

702.491 feet NGVD 1929

IFC&WRC TBM KK 83 1955

In St. Joseph County, North Liberty Quad.; in the NW  $\frac{1}{4}$  of Sec. 33, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.8 mile southwest of Crumstown; 0.45 mile south along State Road 223 from the railroad station at Crumstown to the junction of Johnson Road (1132 South Saint Joseph County) leading west, thence 0.7 mile west along Johnson Road, 0.1 mile east of the Johnson Road (1132 South Saint Joseph County) 45 foot concrete bridge over Geyer Ditch; set in the south side of power pole J 340-25, 20 feet north of the centerline of the road, 1 foot above ground; a railroad spike driven through a brass plate, stamped "TBM KK 83 1955".

699.233 feet NGVD 1929

ISHC BM L 13 ST. J

In St. Joseph County, North Liberty Quad.; in the NE  $\frac{1}{4}$  of Sec. 4, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.3 miles south-southwest of Crumstown; about 1.4 miles south and southwest along State Road 223 from the railroad station at Crumstown, 1.2 miles north along State Road 223 from its junction with State Road 23, at a 40-foot concrete bridge over the Dixon West Place Ditch; set in the top of the southwest concrete guardrail; a Indiana State Highway Commission bronze tablet, stamped "L 13 ST. J".

703.003 feet NGVD 1929

IFC&WRC TBM KK 82, 1955

In St. Joseph County, North Liberty Quad.; in the NW  $\frac{1}{4}$  of Sec. 34, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.5 mile south of Crumstown; at the "T" road intersection of State Road 223 and Johnson Road (1132 South Saint Joseph County); set in the west side of a power pole, 36 feet east of the centerline of Johnson Road, 1 foot above ground; a railroad spike driven through a brass plate, stamped "TBM KK 82 1955".  
714.721 feet NGVD 1929

IFC&WRC BM SJ 20, RESET 1958

In St. Joseph County, North Liberty Quad.; in the SE  $\frac{1}{4}$  of Sec. 6, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 3.0 miles west-southwest of Crumstown; 0.45 mile south along State Road 223 from the railroad station at Crumstown to the junction of Johnson Road (1132 South Saint Joseph County) leading west, thence 1.3 miles west along Johnson Road to the junction of Crumstown Trail leading southwest, thence 1.1 miles southwest and 0.9 mile west to a road leading south, thence 0.7 mile generally south and 0.2 mile east along a farm lane to the end of the road, in the farm yard; set in the top of a concrete post, 87 feet southwest of the southwest corner of the house, 77 feet south of the center line of the farm road, 3.6 feet west of power pole J 360-35, level with the ground; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ 20 1955 RESET 1958".  
707.359 feet NGVD 1929

IFC&WRC BM SJ 3, 1950 RESET 1960

In St. Joseph County, South Bend East Quad., in the NE  $\frac{1}{4}$  of Sec. 16, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawka; at the North Main Street bridge over St. Joseph River; set in top at the south end of the west sidewalk of the bridge, 39 feet west of the center line of the bridge, 11.9 feet southeast of the northeast corner of the Ball Band brick building, 0.9 foot north of the south end of the west sidewalk, 0.3 foot east of the east face of the west guardrail; a Indiana Flood Control and Water Resources Commission bronze bench mark tablet, stamped "SJ3 1950 RESET 1960".  
703.20 feet NGVD 1929

USC&GS BM P 155 1946

In St. Joseph County, New Carlisle Quad., in the NW  $\frac{1}{4}$  of Sec. 14, T. 37 N., R. 1 W., 2<sup>nd</sup> PM.; about 3.15 miles south of New Carlisle; at the Olive Chapel Cemetery; 3.15 miles south along Timothy Road from its intersection with U.S. Highway 20 in New Carlisle to a T-road east (Marshall Road); set in the top of a concrete post in the southeast quarter of the junction, 23.0 feet east of the centerline of the T-road east, 19.0 feet south of the centerline of the north-south road, 1.5 feet west of a wooden witness post, 1.5 feet north of a fence line; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "P 155 1946."

807.941 feet NGVD 1929

USC&GS BM G 155 1946

In St. Joseph County, New Carlisle Quad., in the W  $\frac{1}{2}$  of Sec. 11, T. 37 N., R. 1 W., 2<sup>nd</sup> PM, about 2.4 miles south of New Carlisle; at the intersection of Timothy Road and State Road 2; set in the top of a concrete post in the northeast quarter of the intersection, 77 feet east of the centerline of the Timothy Road, 47.5 feet north of the centerline of the west bound lanes of State Road 2, 2.5 feet west of power pole #J246-74, 0.5 foot above the ground; a U.S. Coast and Geodetic Survey bench mark tablet, stamped "G 155 1946".

852.219 feet NGVD 1929

DNR TBM SL 1 1973

In St. Joseph County, New Carlisle Quad., in the E  $\frac{1}{2}$  of Sec. 3, T. 37 N., R. 1 E., 2<sup>nd</sup> PM, about 1.35 miles south of New Carlisle; at the intersection of Timothy Road and Early Road; set in the west side of a power pole in the southwest quarter of the intersection, 43 feet south of the centerline of the Early Road, 20.5 feet west of the centerline of Timothy Road, 0.6 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM SL 1 1973".

824.603 feet NGVD 1929

DNR TBM SL 2 1973

In St. Joseph County, New Carlisle Quad., in the W  $\frac{1}{2}$  Sec. 3, T. 37 N., R. 1 W., 2<sup>nd</sup> PM, about 1.69 miles southwest of New Carlisle; at the intersection of Early Road and the LaPorte-St. Joseph County Line Road; set in the east side of power pole #J2215, in the southeast quarter of the junction, 23.7 feet east of the centerline of County Line Road, 22.5 feet south of the centerline of Early Road, 0.7 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM SL 2 1973".

823.025 feet NGVD 1929

DNR TBM SL 3 1973

In St. Joseph County, New Carlisle Quad., in the NW  $\frac{1}{4}$  Sec. 34, T. 38 N., R. W., 2<sup>nd</sup> PM, in New Carlisle; at the intersection of U.S. Highway 20 and the LaPorte-St. Joseph County Line Road; set in the south side of power pole J197-27, in the southeast quarter of the intersection, 325 feet south of the centerline of the highway, 22 feet east of the centerline of County Line Road, 0.5 foot above the ground; a railroad spike driven through an aluminum tag, stamped "DNR TBM SL 3 1973".  
819.507 feet NGVD 1929

IFC&WRC BM SJ 13, 1950 RESET 1987

In St. Joseph County, South Bend East Quad., in the SW  $\frac{1}{4}$  of Sec. 1, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the Colfax Avenue bridge over the St. Joseph River; set in the top of the northeast concrete wingwall of the bridge, 33.7 feet north of the centerline of the bridge, 0.9 feet west of the east face of the wingwall, 0.9 feet south of the north face of the wingwall, level with the sidewalk; a Indiana Flood Control and Water Resources bench mark tablet, stamped, "SJ 13 1950 RESET 1987."  
689.054 feet NGVD 1929

IFC&WRC BM SJ 6 1950 RESET 1987

In St. Joseph County, South Bend East Quad., in the NW  $\frac{1}{4}$  of Sec. 17, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at South Bend; at the Ironwood Drive bridge over the St. Joseph River; set in the top of the southeast concrete wingwall of the bridge, 32.8 feet east of the centerline of Ironwood Drive, 6.4 feet north of a power pole, 1.3 feet west of a wire fence, 0.5 foot above the road, 0.4 foot north of the south end of the wingwall, a Indiana Flood Control and Water Resources bench mark tablet stamped "SJ 6 1950 RESET 1987."  
708.880 feet NGVD 1929

ISHC BM ST JO L 502

In St. Joseph County, North Liberty Quad, in the SW  $\frac{1}{4}$  of Sec. 28, T. 36 N., R. 1 E., 2<sup>nd</sup> PM, at North Liberty; at the State Road 23 bridge over Potato Creek; set in the southeast corner of the bridge, 22.5 feet east of the centerline of State Road 23, 1.4 feet south of an aluminum guardrail post, 0.6 foot north of the south end of the bridge, 0.3 foot west of the east edge of the bridge, about level with the road; a Indiana State Highway Commission bench mark tablet, stamped "ST JO L 502".  
721.846 feet NGVD 1929

USGS 56 WSM 1954

In St. Joseph County, North Liberty Quad, in the SW  $\frac{1}{4}$  of Sec. 21, T. 36 N., R. 1 E., 2<sup>nd</sup> PM, about 0.5 mile north of North Liberty; at the intersection of State Road 23 and Osborne Road, in the northeast quarter of the intersection; set in the top of a "L" shaped concrete roadside ditch headwall, 23.2 feet southeast of power pole # 779/862, 22.0 feet east of the centerline of State Road 23, 17.6 feet north of the centerline of Osborne Road; a U.S. Geological Survey bench mark tablet, stamped "56 WSM 1954 733".

732.730 feet NGVD 1929

DNR BM SJ 31, 1982

In St. Joseph County, North Liberty Quad, in the NE  $\frac{1}{4}$  of Sec. 20, T. 36 N., R 1 E., 2<sup>nd</sup> PM, about 0.5 mile south of Sousley Lake; at the intersection of State Road 23 and New Road, in the southwest quarter of the intersection; set in the top of a concrete post, level with the ground, 59.3 feet south of the centerline of State Road 23, 27.6 feet west of the centerline of State Road 23, 2.9 feet east of a two strand barbed wire fence; a Department of Natural Resources brass control station tablet, stamped "SJ 31 1982."

729.494 feet NGVD 1929

DNR BM SJ 32, 1982

In St. Joseph County, North Liberty Quad., in the NW  $\frac{1}{4}$  of Sec. 16, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; at Sousley Lake; about 0.8 mile north along State Road 23 from its intersection with New Road, on the east side of State Road 23, across the road from the north end of Goose Lake; set in the top of a concrete post, level with the ground, about 150 feet southeast of a white frame house, 54.7 feet northeast of a 20.0 inch Cottonwood tree, 47.0 feet north-northwest of a power pole # 777/340, 23.3 feet east of the centerline of State Road 23, 2.5 feet west of a fence line; a Department of Natural Resources brass control station tablet, stamped "SJ 32 1982."

726.750 feet NGVD 1929



DNR TBM SLK 26, 07182

In St. Joseph County, North Liberty Quad, in the West  $\frac{1}{2}$  of Sec. 16, T. 36 N., R. 1 E., 2<sup>nd</sup> PM, at Sousley Lake; about 0.5 mile north along State Road 23 from its intersection with New Road, on the east side of State Road 23, at a private drive east to a white farmhouse (Ernie Watkins); set in the north side of power pole # 786/310, 96.3 feet east of the centerline of State Road 23, 18.0 feet south of the centerline of the private drive, 0.7 foot above the ground; a railroad spike driven through an aluminum tag, stamped SLK 26 07182.”  
726.466 feet NGVD 1929

DNR TBM SLK 27, 07182

In St. Joseph County, North Liberty Quad., in the West  $\frac{1}{2}$  of Sec. 16, T. 36 N., R. 1 E., 2<sup>nd</sup> PM, at Sousley Lake; about 0.5 mile north along State Road 23 from its intersection with New Road, to a private drive east to a white farmhouse (Ernie Watkins), thence 0.1 mile east; set in the southeast side of a 13.0 inch Sassafras tree, 111.0 feet east of a grain bin, 71.5 feet south of a fence line, 0.5 foot above the ground; a railroad spike driven through an aluminum tag, stamped “SLK 27 07182”.  
728.332feet NGVD 1929

USC&GS BM R 168, 1946

In St. Joseph County, Bremen Quad., in the SW  $\frac{1}{4}$  of Sec. 14, T. 35 N., R. 3 E., 2<sup>nd</sup> PM.; about 2.0 miles north of Bremen; at the intersection of State Road 331 and Tyler Road; set in the top of a concrete post, in the northeast  $\frac{1}{4}$  of the junction, 74 feet north of the centerline of Tyler Road, 40 feet east of the centerline of State Road 331, 9.5 feet north of powerpole #272/582, 1.5 feet west of a fence, 0.5 foot above the ground; a US Coast & Geodetic Survey bench mark tablet, stamped “R 168 1946”.  
824.877 feet NGVD 1929

State of Indiana  
Department of Natural Resources  
Division of Water

Control Station Descriptions  
and Elevations

ST. JOSEPH COUNTY

The following benchmarks were established by the Indiana Department of Natural Resources, Division of Water. All level lines were started from and closed on either First or Second Order bench marks established by the U.S. Coast and Geodetic Survey.

DATUM:

Elevations given in this list have been determined from standard elevations of U.S.C. & G.S. bench marks, based on the Sea-level Datum of 1929.

This datum is now know as the National Geodetic Vertical Datum of 1929  
NGVD 1929

State of Indiana  
Department of Natural Resources  
Division of Water  
St. Joseph County

DNR TBM HW SJR 1-03282, 1983

In St. Joseph County, South Bend West Quad., in the NW ¼ of Section 14, T. 38 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the Auten Road bridge over the St. Joseph River; set in the west end of the north sidewalk of the bridge, 15.6 feet north of the centerline of Auten Road, 0.8 foot east of the west end of the north sidewalk, excluding the sidewalk along the northwest wingwall of the bridge; a chiseled triangle.

THIRD ORDER

681.670 feet N.G.V.D. 1929

207.7734 meters N.G.V.D. 1929

DNR TBM HW SJR 2-03282, 1983

In St. Joseph County, South Bend West Quad., in the NE ¼ of Section 35, T. 38 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at Keller Park; approximately 0.65 mile southeast along Riverside Drive from its intersection with Woodlawn Blvd., 0.1 mile east of the intersection of Riverside Drive and Riverside Place; set in the northeast side of a 31 inch Hackberry tree, about 110 feet upstream of the boat ramp used by the Fire Department to rescue boats, 39 feet north of the centerline of Riverside Drive, 1.3 feet above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM HW SJR 2-03282, 1983".

THIRD ORDER

672.907 feet N.G.V.D. 1929

205.1025 meters N.G.V.D. 1929

DNR TBM HW SJR 3-03282

In St. Joseph County, South Bend East Quad., in the SW ¼ of Section 1, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the LaSalle Road bridge over the St. Joseph River; set in the top of the east end of the north side parapet wall of the bridge, 38.7 feet north of the centerline of LaSalle Road, 6.5 feet west of the east end of the parapet wall, 5.5 feet southwest of the southeast support of the 3 support posts for the "Apple General Micro Computer" and "American National Bank" billboard; a chiseled triangle.

THIRD ORDER

692.399 feet N.G.V.D. 1929

211.0436 meters N.G.V.D. 1929

DNR TBM HW SJR 4-03282, 1983

In St. Joseph County, South Bend East Quad., in the NE ¼ of Section 12, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the intersection of Jefferson Street and St. Louis Street, at the Howard Park Recreation Center Parking Lot area; set in the west side of a 26 inch Basswood tree, 255 feet south of the centerline of Jefferson Street, 22.0 feet west of the centerline of St. Louis Street, 1.0 foot above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM HW SJR 4-03282, 1983".

THIRD ORDER

700.728 feet N.G.V.D. 1929

213.5823 meters N.G.V.D. 1929

DNR TBM HW SJR 5-3282, 1982

In St. Joseph County, South Bend East Quad., in the SE ¼ of Section 12, T. 37 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the LaSalle Road bridge over the St. Joseph River; set in the top of the southeast wingwall of the bridge, 47.0 feet west of the centerline of North Side Boulevard, 27.5 feet south of the centerline of Sample Street, 12.5 feet west of the northwest corner of the concrete base of a steel monument with a "Sample Street bridge – Reconstructed 1971" plaque; a chiseled triangle.

THIRD ORDER

700.727 feet N.G.V.D. 1929

213.5820 meters N.G.V.D. 1929

DNR TBM HW SJR 6-3282, 1983

In St. Joseph County, South Bend East Quad., in the SW ¼ of Section 10, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at the Mishawaka Avenue bridge over the St. Joseph River; set in the southwest end of the bridge, on the south concrete footing for the railing on the south side of the sidewalk of the bridge, 55 feet east of Edgewater Drive, 22 feet south of the centerline of Mishawaka Avenue, 8.5 feet west of the most westerly of the four light poles along the south side of the sidewalk of the bridge, 3.0 feet northeast of the "WATCH FOR ICE ON BRIDGE" sign post; a chiseled triangle.

THIRD ORDER

713.120 feet N.G.V.D. 1929

217.3594 meters N.G.V.D. 1929

DNR TBM HW-SJR 7-3282, 1983

In St. Joseph County, South Bend East Quad., in the SE ¼ of Section 10, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at the golf course, at the intersection of State Street and Prospect Drive; set in the west side of a 24 inch Oak tree, about 435 feet north of the centerline of Prospect Drive, 70 feet north of the northeast corner of the golf course club house building, 38.2 feet west of the extended centerline of State Street, 1.7 feet above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM HW SJR 7-03282, 1983".

THIRD ORDER

698.121 feet N.G.V.D. 1929

212.7877 meters N.G.V.D. 1929

DNR TBM HW SJR 8-3282, 1983

In St. Joseph County, South Bend East Quad., in the SE ¼ of Section 10, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at Laing Park; set in the top of the southwest corner of the concrete base of a light pole near the northwest end of the Lincoln Highway Inn, 47.0 feet northeast of the northwest end of the parking lot, 34.0 feet east of a drainage chute for the parking lot that discharges into the St. Joseph River, 1.7 feet above the ground; a railroad spike driven thru an aluminum tag, stamped "DNR TBM HW SJR 8-03282, 1983".

THIRD ORDER

709.101 feet N.G.V.D. 1929

216.1344 meters N.G.V.D. 1929

DNR TBM HW SJR 9-3282, 1983

In St. Joseph County, Osceola Quad., in the SW  $\frac{1}{4}$  of Section 7, T. 37 N., R. 4 E., 2<sup>nd</sup> PM.; at Mishawaka; at the Bittersweet Road bridge over the St. Joseph River; set in the top of the west concrete handrail at the southwest end of the bridge, 17.0 feet west of the centerline of Bittersweet Road, 2.8 feet above the sidewalk, 1.05 feet north of the south end of the straight portion of the concrete handrail; a chiseled triangle.

THIRD ORDER

730.962 feet N.G.V.D. 1929

222.7977 meters N.G.V.D. 1929

USC&GS PLACE AZIMUTH

In St. Joseph County, Hamlet Quad., in the NW  $\frac{1}{4}$  of Section 15, T. 35 N., R. 1 W., 2<sup>nd</sup> PM.; approximately 7.0 miles northeast of Hamlet; at the intersection of State Road 104 and the St. Joseph – LaPorte County Line Road; set in the top of a concrete post, 81.0 feet southeast of the centerline centerline of the intersection, 59.0 feet east of the centerline of County Line Road, 17.3 feet southwest of State Road 104, 13.5 feet north of a stop sign post; a U.S. Coast and Geodetic Survey azimuth mark brass disk, stamped "PLACE 1952".

Elevation not available.

DNR BM SJ 1 RESET 1996

In LaPorte County, North Liberty Quad, in the SE  $\frac{1}{4}$  of Section 14, T. 36 N., R. 1 W., 2<sup>nd</sup> P.M.; about 3.0 miles northwest of North Liberty; at the 300 South Road (New Road) bridge over the Kankakee River; set on top of the northwest concrete bridge abutment, 16.5 feet north of the centerline of 300 South Road (New Road), 25.8 feet southeast of power pole #792 780, 0.6 foot south of the north face of the abutment, about level with the road; a Indiana Department of Natural Resources control station tablet, stamped "SJ 1 RESET 1996".

692.225 feet NAVD 1988

2<sup>nd</sup> Order

692.580 feet NGVD 1929

210.991 meters NAVD 1988

211.099 meters NGVD 1929

#### DNR TBM HUD 4, 1998

In St. Joseph County, New Carlisle Quad., in the SW ¼ of Section 2, T. 37 N., R. 1 W., 2<sup>nd</sup> PM.; about 1.0 mile south of New Carlisle; at the intersection of Early Road and Timothy Road; set in the west side of a power pole, 25.0 feet south of the centerline of Early Road, 17.5 feet east of the centerline of Timothy Road, 1.5 feet above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM HUD 4 1998".

824.235 feet NAVD 1988

2<sup>nd</sup> Order

824.570 feet NGVD 1929

251.2273 meters NAVD 1988

251.3294 meters NGVD 1929

#### DNR TBM HUD 5, 1998

In St. Joseph County, New Carlisle Quad., in the SW ¼ of Section 35, T. 38 N., R. 1 W., 2<sup>nd</sup> PM.; at New Carlisle; at the "T" road intersection of Dunn Road and Timothy Road; set in the west side of a power pole with a transformer, 100.9 feet east of the centerline of Timothy Road, 48.6 feet northwest of the northwest corner of the Masonic Lodge building, 24.4 feet south of the centerline of Dunn Road, 3.3 feet east of a cable pedestal, 1.2 feet above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM HUD 5 1998".

812.040 feet NAVD 1988

2<sup>nd</sup> Order

812.375 feet NGVD 1929

247.5103 meters NAVD 1988

247.6124 meters NGVD 1929

#### DNR TBM HUD 6, 1998

In St. Joseph County, New Carlisle Quad., in the NE ¼ of Section 34, T. 38 N., R. 1 W., 2<sup>nd</sup> PM.; at New Carlisle; at the "T" road intersection of U.S. 20 and Jon Street; set in the north side of power pole # H 08 F 287 with a underground wire on the south side of the pole, 39.2 feet north of the centerline of U.S. 20, 24.2 feet west of the centerline of Jon Street, 2.3 feet east of the east end of a cable pedestal, 1.2 feet above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM HUD 6 1998".

824.907 feet NAVD 1988

2<sup>nd</sup> Order

825.241 feet NGVD 1929

251.4322 meters NAVD 1988

251.5340 meters NGVD 1929

DNR BM SJ 4 RESET 1991

In St. Joseph County, South Bend East Quad., in the NW ¼ of Section 15, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at the Cedar Street bridge over St. Joseph River; set in the top of the north end of the northwest concrete retaining wall (wingwall), 23.0 feet west of the centerline of Cedar Street, 14.0 feet south of the extended centerline of Edgewater Drive, 1.5 feet above the road; a Indiana Department of Natural Resources brass control station tablet, stamped "SJ 4 RESET 1991".

THIRD ORDER

707.70 feet NGVD 1929

DNR TBM "B" 1989

In St. Joseph County, South Bend East Quad., in the NW ¼ of Section 15, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at the "T" road intersection of Cedar Street and Edgewater Drive; set in the northwest side of utility pole # MI 85/175, 68 feet north of the centerline of Edgewater Drive, 20.5 feet east of the centerline of Cedar Street, 0.5 foot above the ground; a railroad spike.

THIRD ORDER

705.74 feet NGVD 1929

DNR BM SJ 33, 1991

In St. Joseph County, South Bend East Quad., in the NW ¼ of Section 15, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at the Cedar Street bridge over St. Joseph River; set in the top of the southwest concrete retaining wall (wingwall), 35.0 feet west of the centerline of Cedar Street, 6.3 feet south of the north end of the retaining wall, level with the road; a Indiana Department of Natural Resources brass control station tablet, stamped "SJ 33 1991".

THIRD ORDER

709.36 feet NGVD 1929



DNR TBM KAM 1, 1996

In St. Joseph County, South Bend East Quad., in the NW ¼ of Section 16, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at the road access site to Kamm Island, on the north side of the "Prestige Portraits" asphalt parking lot; set in the south side of power pole # M 183/131, 91.0 feet northwest of a 40 inch Sycamore tree, 73.0 feet west of the centerline of the Kamm Island access road, 72.0 feet east of the northeast corner of a large red brick building (Old Brewery), 1.2 feet above the ground; a railroad spike driven through a aluminum tag, stamped "KAM 1 1996".

THIRD ORDER

701.562 feet NGVD 1929

DNR TBM KAM 2, 1996

In St. Joseph County, South Bend East Quad., in the NW ¼ of Section 16, T. 37 N., R. 3 E., 2<sup>nd</sup> PM.; at Mishawaka; at the Kamm Island Park on the St. Joseph River; set in the southwest side of a 45 inch Sycamore tree, 56.7 feet north of a asphalt sidewalk, 44.5 feet west of the extended centerline of the Kamm Island access road, 25.8 feet northeast of the northeast corner of a brick restroom, 1.3 feet above the ground; a railroad spike driven through a aluminum tag, stamped "KAM 2 1996".

THIRD ORDER

690.387 feet NGVD 1929

DNR TBM BAUGO 1, 1992

In St. Joseph County, Osceola Quad., in the SW ¼ of Section 7, T. 37 N., R. 4 E., 2<sup>nd</sup> PM.; about 0.1 mile east of Osceola; at the County Road 20 bridge over Baugo Creek; set in the south end of the east concrete abutment, 20.5 feet south of the centerline of the road, 2.3 feet below the level of the road, 1.3 feet east of the west face of the abutment, 1.0 foot north of the south end of the abutment; a chiseled triangle.

THIRD ORDER

727.123 feet NGVD 1929

DNR TBM HESTON 2, 1981

In St. Joseph County, Lakeville Quad., in the SW ¼ of Section 2, T. 35 N., R. 2 E., 2<sup>nd</sup> PM.; about 0.6 mile south of Lakeville; at the Linden Road bridge over Heston Ditch; set on the southwest concrete wingwall of the bridge; a chiseled square.

THIRD ORDER

825.174 feet NGVD 1929

DNR TBM HESTON 5, 1981

In St. Joseph County, Lakeville Quad., in the NE  $\frac{1}{4}$  of Section 11, T. 35 N., R. 2 E., 2<sup>nd</sup> PM.; about 1.4 miles south of Lakeville; at the Riddles Lake control structure; set in the top of the west end of the sheet metal piling, 2.67 feet above the crest; two filed notches.

THIRD ORDER

819.906 feet NGVD 1929

DNR TBM 1-02787

In St. Joseph County, South Bend West Quad., in the SW  $\frac{1}{4}$  of Section 13, T. 38 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; at the intersection of U.S. 33 and Cowles Avenue; set in the south side of power pole # 51800, 34.4 feet north of the centerline of Cowles Avenue, 8.5 feet east of the east edge of U.S. 33, 1.4 feet above the ground; a railroad spike driven through a stamped aluminum tag.

THIRD ORDER

728.402 feet NGVD 1929

DNR TBM 2-02787

In St. Joseph County, South Bend East Quad., in the SW  $\frac{1}{4}$  of Section 13, T. 38 N., R. 2 E., 2<sup>nd</sup> PM.; at South Bend; near the intersection of U.S. 33 and Cowles Avenue; set in the west side of a 18 inch Cherry tree, about 110 feet west of the right angled bend in Cowles Avenue to the north, 85 feet east of the centerline of a concrete drive leading to the last house on the south side of Cowles Avenue, 33.0 feet south of the centerline of Cowles Avenue, 1.5 feet above the ground; a railroad spike driven through a stamped aluminum tag.

THIRD ORDER

722.075 feet NGVD 1929

DNR TBM CHAIN 1, 1989

In St. Joseph County, Lydick Quad., in the SW  $\frac{1}{4}$  of Section 4, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.5 mile west-southwest of Lydick; at the "T" road intersection of Sage Road and Early Road; set in the top of the south concrete driveway culvert on the west side of Sage Road; a chiseled triangle.

THIRD ORDER

723.947 feet NGVD 1929

DNR TBM CHAIN 2, 1989

In St. Joseph County, Lydick Quad., in the NE ¼ of Section 3, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.4 mile west of Lydick; about 0.4 mile west along Early Road from its intersection with Pear Road to a bend in the road to the south; set in the east side of a power pole; a railroad spike driven through a aluminum tag, not stamped.

THIRD ORDER

723.474 feet NGVD 1929

DNR TBM CHAIN 3, 1989

In St. Joseph County, Lydick Quad., in the NW ¼ of Section 2, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; at Lydick; at the "T" road intersection of Early Road and Quince Road; set in the northwest side of power pole # J 228/53; a railroad spike driven through a aluminum tag.

THIRD ORDER

728.129 feet NGVD 1929

DESTROYED 9/3/1997

DNR TBM CHAIN 3 RESET 1997

In St. Joseph County, Lydick Quad., in the NW ¼ of Section 2, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; at Lydick; at the "T" road intersection of Early Road and Quince Road; set in the west side of power pole # J 228/53; a railroad spike driven through a aluminum tag, stamped "IDNR TBM CHAIN 3 RESET 1997".

THIRD ORDER

728.241 feet NGVD 1929

DNR TBM CHAIN 4, 1989

In St. Joseph County, South Bend West Quad., in the SW ¼ of Section 36, T. 38 N., R. 1 E., 2<sup>nd</sup> PM.; at North Chain Lake; at the intersection of Edison Road and the entrance to Mission Camp (Camp Ray Bird); set in the north side of a power pole, on the north side of Edison Road, 60 feet east of Mission Camp Drive; a railroad spike.

THIRD ORDER

726.089 feet NGVD 1929

note: mark has been disturbed

DNR TBM CHAIN 5, 1989

In St. Joseph County, South Bend West Quad., in the NE ¼ of Section 1, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.5 mile southeast of Lydick; at the intersection of Country Club Drive and the Chicago South Shore and South Bend Railroad; set in the east side of power pole # J 229/38, 30 feet north of the railroad tracks; a railroad spike.

THIRD ORDER

740.475 feet NGVD 1929

note: mark has been disturbed

DNR TBM CHAIN 6, 1989

In St. Joseph County, South Bend West Quad., in the SE ¼ of Section 1, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; about 0.8 mile southeast of Lydick; at the intersection of Country Club Drive and the entrance to the South Bend Country Club; set in the west side of power pole # J 229/55, east side of Country Club Road, 35 feet south of the entrance to the South Bend Country Club; a railroad spike with a aluminum tag.

THIRD ORDER

752.427 feet NGVD 1929

DNR TBM CHAIN 7, 1989

In St. Joseph County, South Bend West Quad., in the NE ¼ of Section 11, T. 37 N., R. 1 E., 2<sup>nd</sup> PM.; at Westfield; at the South Chain Lake outlet control structure; set in the top of the south concrete abutment of the outlet structure; a chiseled triangle.

THIRD ORDER

719.318 feet NGVD 1929

DNR TBM PMB 1, 1991

In St. Joseph County, North Liberty Quad., in the NW ¼ of Sec. 21, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.3 miles north of North Liberty; about 1.7 miles north along State Road 23 from its intersection with State Road 4 to the residence # 64330 on the east side of State Road 23; set in the south side of power pole # 261/664, the 4<sup>th</sup> pole north of the private drive # 64330, 30.6 feet east of the centerline of State Road 23; a very small two headed framing nail.

THIRD ORDER

726.02 feet NGVD 1929

DNR TBM ND 1, 1991

In St. Joseph County, North Liberty Quad., in the NE  $\frac{1}{4}$  of Sec. 21, T. 36 N., R. 1 E., 2<sup>nd</sup> PM.; about 1.6 miles north of North Liberty; about 0.5 mile east along New Road from its intersection with State Road 23 to a gravel private drive to the south; set in the northwest side of power pole # 778/516, 44.0 feet east of mailbox # 28486, 18.0 feet south of the centerline of New Road, 11.0 feet east of the centerline of the private drive, 1.0 foot above the ground; a railroad spike driven through a aluminum tag, stamped "IDNR TBM ND 1 1991".

THIRD ORDER

737.337 feet NGVD 1929

DNR TBM 11-16181, 1981

In St. Joseph County, South Bend East Quad., in the SW  $\frac{1}{4}$  of Sec. 29, T. 38 N., R. 3 E., 2<sup>nd</sup> PM.; at South Bend; at the Ironwood Road bridge over Judy Creek; set in the top of the north end of the east concrete curb of the bridge; 28.5 feet east of the centerline of the bridge, 0.6 foot above the road, 0.2 foot south of the north end of the bridge curb; a chiseled triangle.

THIRD ORDER

734.069 feet NGVD 1929